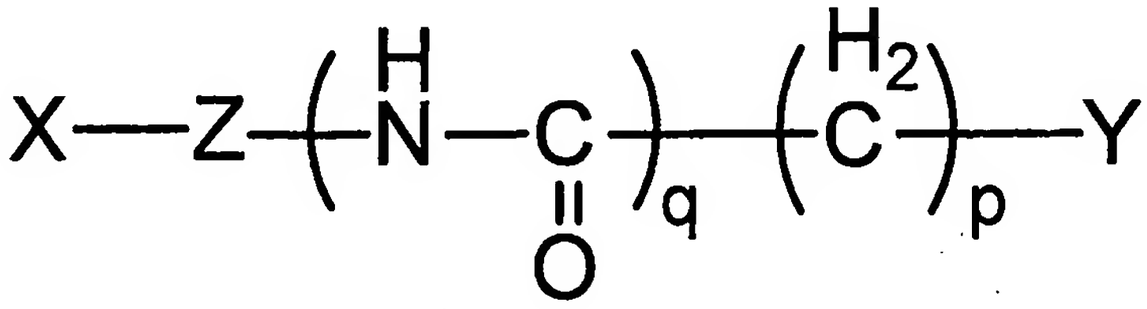
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims:

1. (Currently amended) A ligand conjugate comprising a linker compound and a sugar chain,

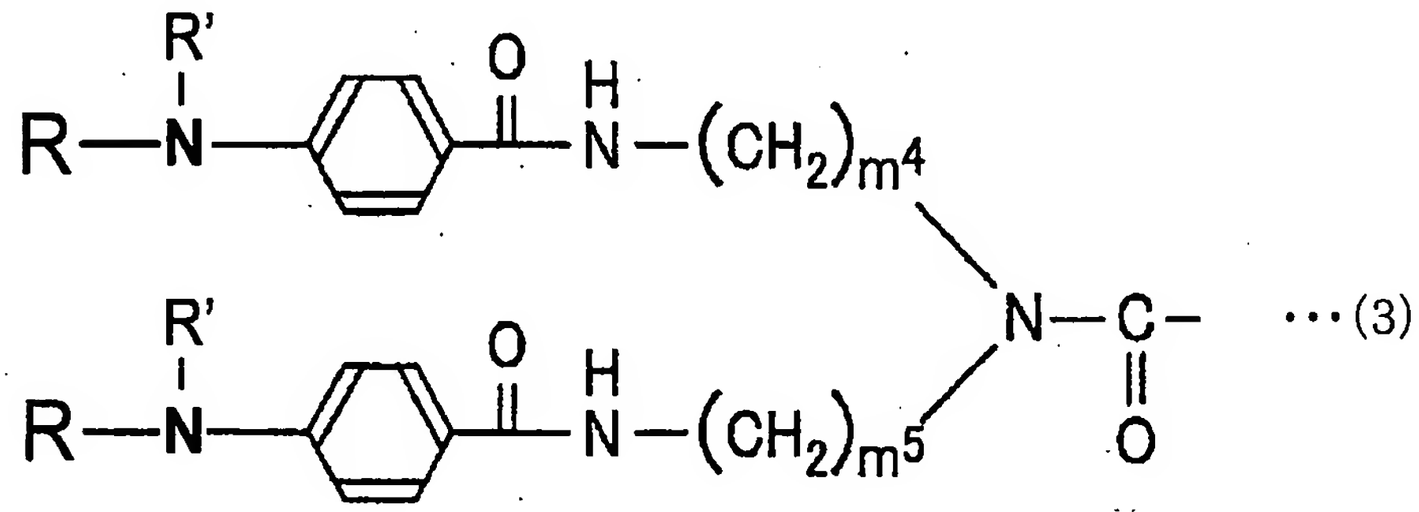
the linker compound having a structure represented by General Formula (1):



…(1)

where p and q are independently integers of not less than ~~0~~ 1 but not more than 6, in which

X is a structure represented by formula 3:



…(3)

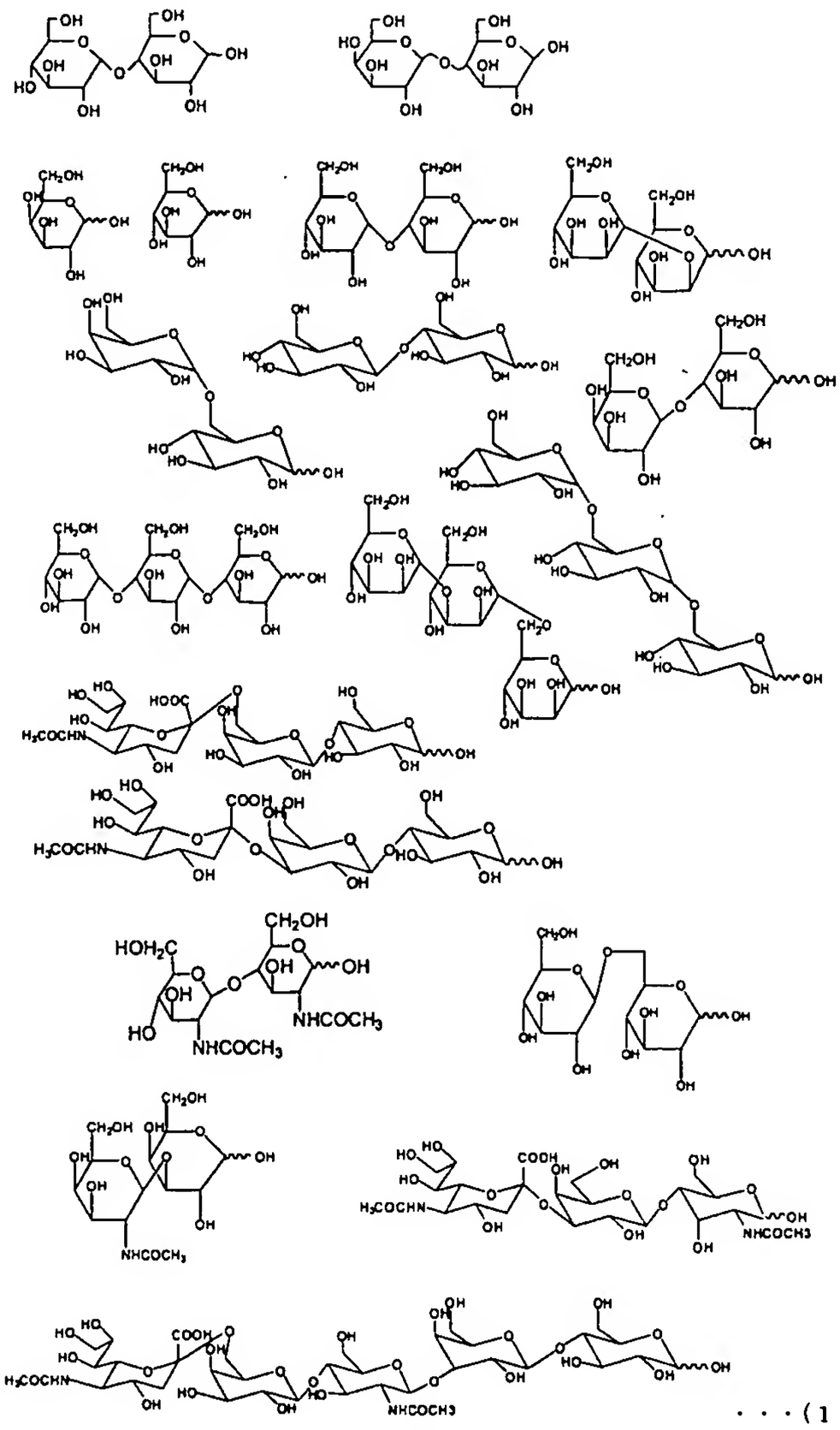
;

wherein m^4 and m^5 are each independently integers of not less than 1 but not more than 6, and R' is a hydrogen (H) or R,

Y is a hydrocarbon structure having an S-S bond or an S-H group,

Z is a straight-chain structure comprising a carbon-carbon bond or carbon-oxygen bond, and

R comprises a substituent derived from the sugar chain selected from the group consisting of ~~Group (101)~~:



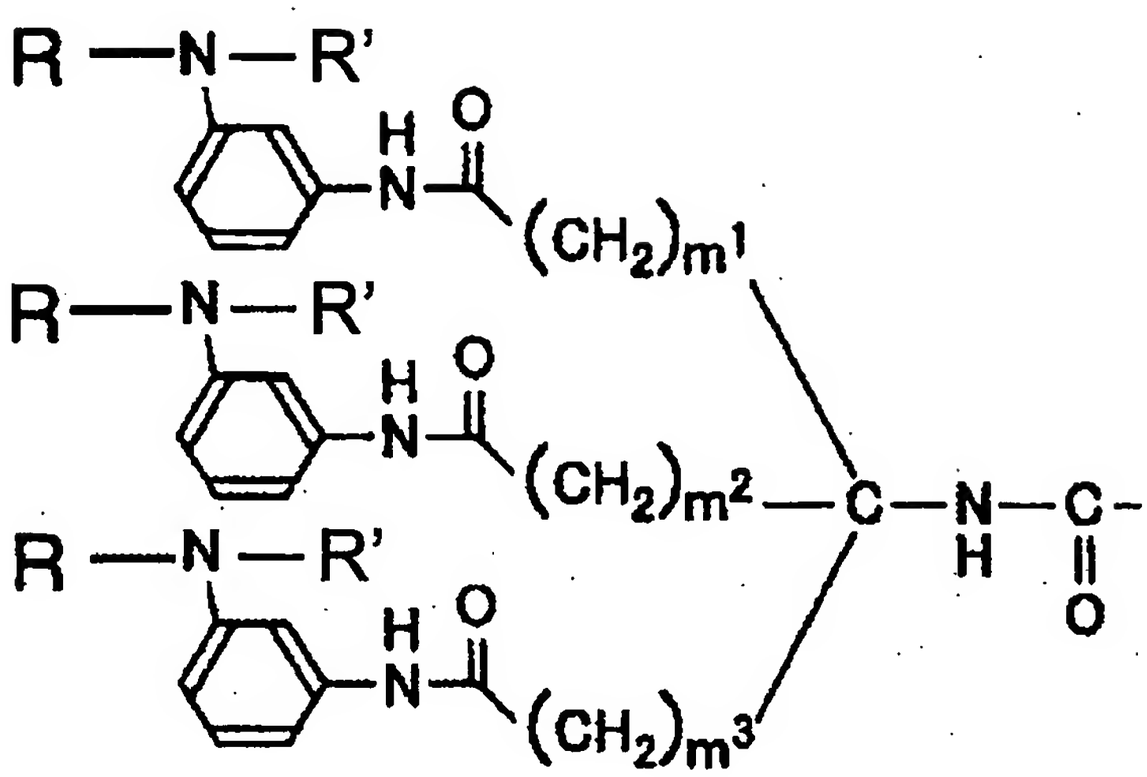
and

· · · (101) ÷

2. (Cancelled).

3. (Withdrawn) The ligand conjugate as set forth in Claim 1 or 2, wherein:

X has a structure represented by General Formula (2):



…(2)

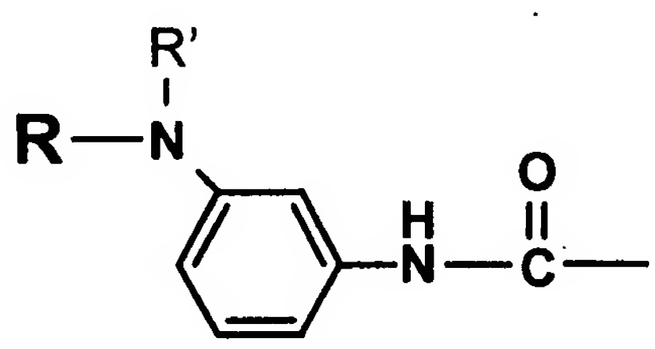
where m^1, m^2, and m^3 are independently integers of not less than 0 but not more than 6, and R' is a hydrogen (H) or R,

R being a compound derived from the sugar chain selected from Group (101).

4. (Cancelled).

5. (Withdrawn) The ligand conjugate as set forth in 1 or 2, wherein:

X has a structure represented by General Formula (4):



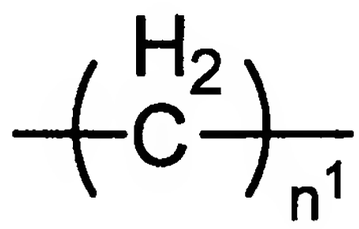
…(4)

where R' is a hydrogen (H), or R,

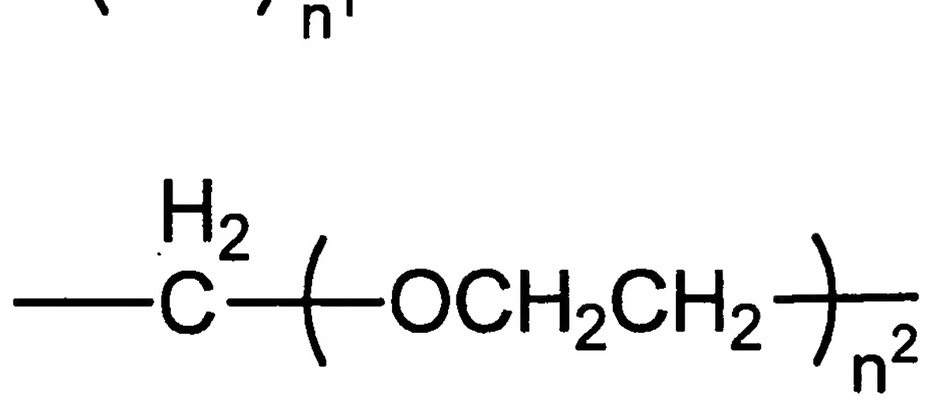
R being a compound derived from the sugar chain selected from Group (101).

6. (Previously presented) The ligand conjugate of claim 1, wherein:

Z has a structure of Formula (5) or (6):



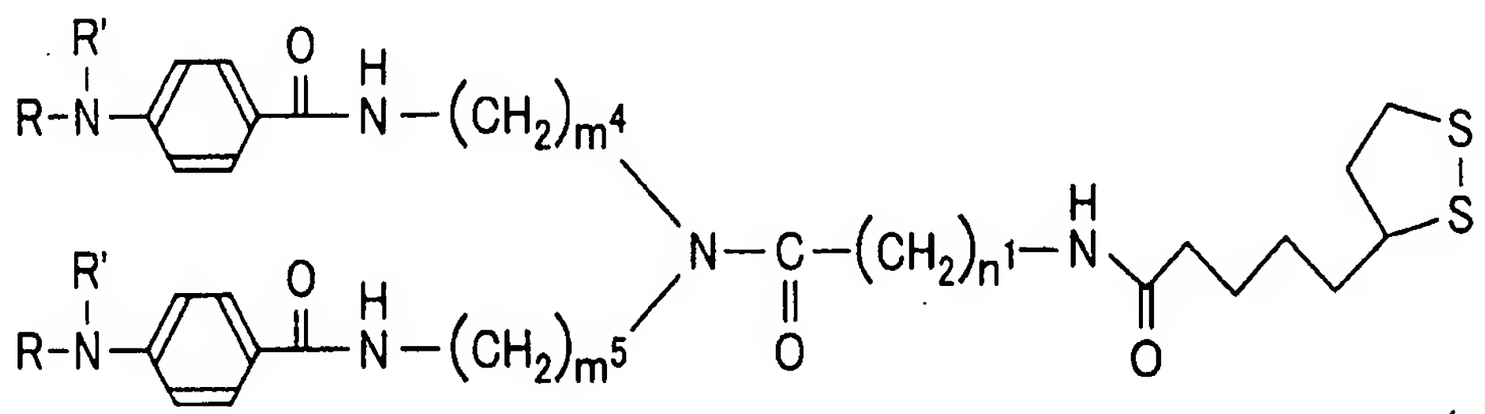
...(5)



...(6)

where n^1 and n^2 are independently integers of not less than 1 but not more than 6.

7. (Previously presented) The ligand conjugate as set forth in Claim 1 having a structure represented by General Formula (108):



...(108)

where n^1 is an integer of not less than 1 but not more than 6.

8. (Previously presented) A ligand carrier in which the ligand conjugate as set forth in any one of Claims 1 or 6-7 is immobilized on a support having a metal on a surface thereof.

9. (Cancelled).

10. (Previously presented) A method for analyzing protein, comprising:

allowing the ligand conjugate as set forth in any one of Claims 1 and 6-8 to stand in contact with a support so as to prepare a ligand carrier in which the ligand conjugate is immobilized on the support;

analyzing intermolecular interaction by surface plasmon resonance (SPR) after allowing the ligand carrier to stand in contact with a protein solution; and

performing mass spectroscopy after the analysis of the intermolecular interaction, so as to identify a protein bound on the ligand carrier.

11. (Previously presented) The ligand conjugate as set forth in Claim 1, wherein m^4 and m^5 are each 2.

12. (Previously presented) A method for analyzing protein, comprising:

allowing the ligand carrier of claim 8 to stand in contact with a protein solution, and analyzing intermolecular interaction by SPR measurement.